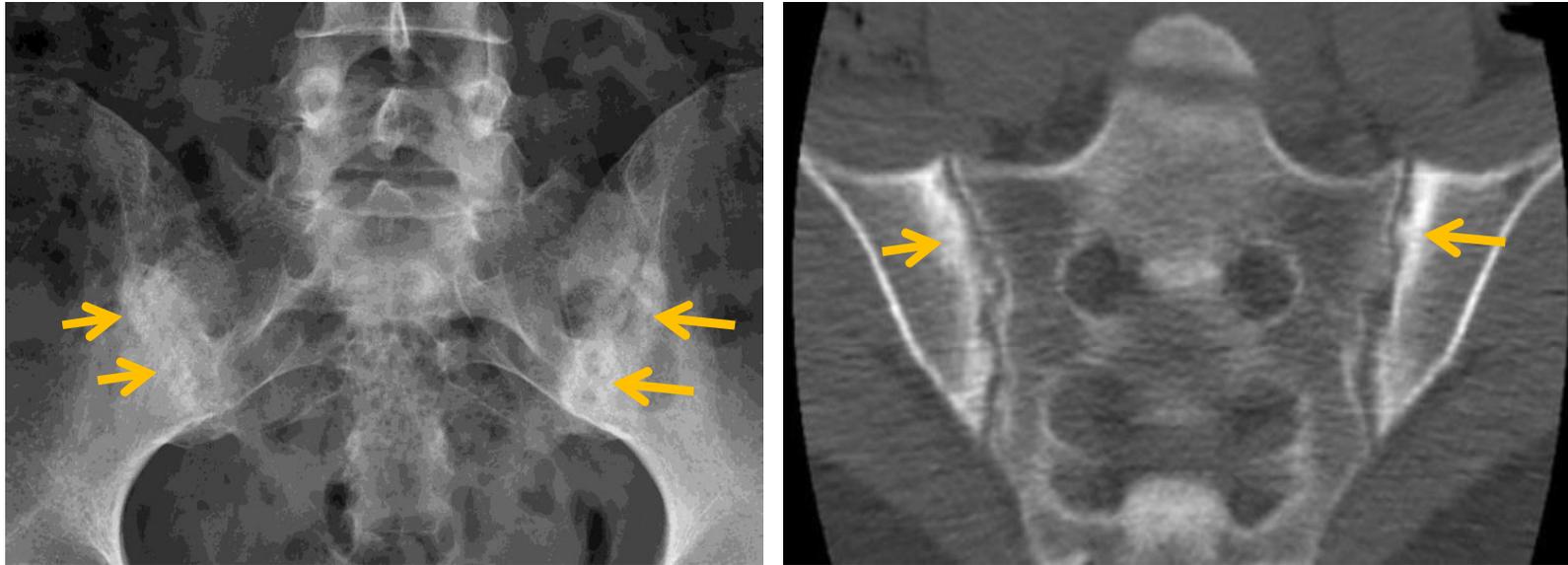


Ans: Ankylosing spondylitis



Ankylosing spondylitis is a seronegative (rheumatoid factor) spondylitis in which the inflammatory erosion occurs early at the low third of the bilateral SI joints at iliac sides (arrows). With disease progression, sclerosis and severe erosions can be seen with widening of the joint spaces, and then ankylosis develops. The differential diagnoses should include rheumatoid arthritis and other reactive arthritis (Reiter's syndrome) where SI joints involvement is relatively uncommon and asymmetrical.